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=> "zona occludens" and (ZO-1 or ZO-2 or ZO-3) and antioxidants and topical
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L1 QUE "ZONA OCCLUDENS" AND (ZO-1 OR ZO-2 OR ZO-3) AND ANTIOXIDANTS AND TOPIC
AL

=> file uspatfull wpids wpindex
COST IN U.S. DOLLARS

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FULL ESTIMATED COST	2.85	3.06

FILE 'USPATFULL' ENTERED AT 14:01:03 ON 18 OCT 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 14:01:03 ON 18 OCT 2004
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> "zona occludens" and (ZO-1 or ZO-2 or ZO-3) and antioxidants and topical
L2 6 "ZONA OCCLUDENS" AND (ZO-1 OR ZO-2 OR ZO-3) AND ANTIOXIDANTS
AND TOPICAL

=> d ti 1-6

L2 ANSWER 1 OF 6 USPATFULL on STN
TI Process for protecting and modulating tight junctions

L2 ANSWER 2 OF 6 USPATFULL on STN
TI Claudin polypeptides

L2 ANSWER 3 OF 6 USPATFULL on STN
TI Phage displayed PDZ domain ligands

L2 ANSWER 4 OF 6 USPATFULL on STN
TI PDZ domain interactions and lipid rafts

L2 ANSWER 5 OF 6 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN
TI Cosmetic treatment to improve the epidermal barrier function of the skin,
scalp and mucosa comprises **topical** application of a composition
containing a substance capable of modulating tight junctions.

L2 ANSWER 6 OF 6 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN
TI Cosmetic treatment to improve the epidermal barrier function of the skin,
scalp and mucosa comprises **topical** application of a composition
containing a substance capable of modulating tight junctions.

=> d ab bib 1-5

L2 ANSWER 1 OF 6 USPATFULL on STN
AB The invention relates to a cosmetic treatment process for improving the
epidermal barrier function of the skin, scalp and mucous membrane,
characterized in that a preparation containing at least one substance
which modulates tight junctions and/or which modulates occludin and/or
claudins and/or which modulates the **Zona occludens**
through the proteins **ZO-1, ZO-2**
and/or **ZO-3** is topically applied. The present
invention also relates to the use of a substance which modulates tight
junctions and/or which modulates occludin and/or claudins and/or which
modulates the **Zona occludens** through the proteins
ZO-1, ZO-2 and/or **ZO-3** for the production of cosmetic preparations for improving the
epidermal barrier function of the skin, scalp and mucous membrane, to
the use of this substance for the production of cosmetic preparations
for protection against aging of the skin and to the use of the substance
for the production of cosmetic preparations for protection against the
harmful effects of environmental toxins and UV radiation.
AN 2004:164856 USPATFULL
TI Process for protecting and modulating tight junctions
IN Pauly, Gilles, Nancy, FRANCE
Jeanmaire, Christine, Nancy, FRANCE
PI US 2004126341 A1 20040701
AI US 2003-625153 A1 20030723 (10)
PRAI EP 2002-291883 20020725
DT Utility
FS APPLICATION
LREP COGNIS CORPORATION, PATENT DEPARTMENT, 300 BROOKSIDE AVENUE, AMBLER, PA,
19002
CLMN Number of Claims: 4
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 297
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 6 USPATFULL on STN
AB This invention relates to new members of the human Claudin polypeptide
family, to methods of making such polypeptides, and to methods of using
them to treat Claudin-associated conditions and to identify compounds
that alter Claudin polypeptide activities.
AN 2004:50940 USPATFULL
TI Claudin polypeptides
IN Youakim, Adel, Seattle, WA, UNITED STATES
DuBose, Robert F., Seattle, WA, UNITED STATES
Wiley, Steven R., Seattle, WA, UNITED STATES
PI US 2004038370 A1 20040226
AI US 2003-344487 A1 20030627 (10)
WO 2001-US25662 20010815
DT Utility
FS APPLICATION
LREP IMMUNEX CORPORATION, LAW DEPARTMENT, 51 UNIVERSITY STREET, SEATTLE, WA,

98101

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3805

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 6 USPATFULL on STN

AB The invention pertains to a method of identifying PDZ interacting polypeptides, said polypeptides, and uses of said polypeptides.

AN 2003:213627 USPATFULL

TI Phage displayed PDZ domain ligands

IN Held, Heike A., Oakland, CA, UNITED STATES

Lasky, Laurence A., Sausalito, CA, UNITED STATES

Laura, Richard P., San Bruno, CA, UNITED STATES

Sidhu, Sachdev S., San Francisco, CA, UNITED STATES

Wong, Wai Lee Tan, Los Altos, CA, UNITED STATES

Wu, Yan, Foster City, CA, UNITED STATES

PA GENENTECH, INC. (U.S. corporation)

PI US 2003148264 A1 20030807

AI US 2002-190082 A1 20020703 (10)

PRAI US 2001-303634P 20010706 (60)

DT Utility

FS APPLICATION

LREP GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080

CLMN Number of Claims: 50

ECL Exemplary Claim: 1

DRWN 17 Drawing Page(s)

LN.CNT 8976

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 6 USPATFULL on STN

AB Methods for modulating immune cell signaling are provided. In general such methods involve modulating an interaction between a PDZ protein and a PDZ ligand protein whose interaction affects the composition and/or distribution of lipid rafts in an immune cell. Modulators that enhance or inhibit such interactions are also disclosed, as well as methods of screening for such modulators.

AN 2003:71410 USPATFULL

TI PDZ domain interactions and lipid rafts

IN Lu, Peter S., Mountain View, CA, UNITED STATES

Diaz-Sarmiento, Chamorro Somoza, Palo Alto, CA, UNITED STATES

Seed, Brian, Boston, MA, UNITED STATES

Xavier, Ramnik, Boston, MA, UNITED STATES

Irving, Bryan Allen, San Francisco, CA, UNITED STATES

PI US 2003049695 A1 20030313

AI US 2002-80273 A1 20020219 (10)

PRAI US 2001-269523P 20010216 (60)

US 2001-269522P 20010216 (60)

US 2001-269694P 20010216 (60)

DT Utility

FS APPLICATION

LREP TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834

CLMN Number of Claims: 36

ECL Exemplary Claim: 1

DRWN 23 Drawing Page(s)

LN.CNT 2929

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 6 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN
AB EP 1384469 A UPAB: 20040316
NOVELTY - Cosmetic treatment to improve the epidermal barrier function of the skin, scalp and mucosa comprises **topical** application of a composition containing a substance (I) capable of modulating tight junctions or modulating occludin and/or claudins or modulating the **zona occludens** via protein ZO-1, ZO-2 and/or ZO-3.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:
(1) use of (I) to prepare cosmetic agents for protecting the skin against aging or for protecting the skin, scalp and mucosa against toxic environmental influences or the effect of UV light;
(2) cosmetic compositions comprising at least one substance (I) and UV photoprotection factors and/or **antioxidants**.
USE - To improve the epidermal barrier function of the skin, scalp and mucosa (no data given).
Dwg.0/0
AN 2004-181873 [18] WPIDS
CR 2004-181872 [18]
DNC C2004-072040
TI Cosmetic treatment to improve the epidermal barrier function of the skin, scalp and mucosa comprises **topical** application of a composition containing a substance capable of modulating tight junctions.
DC B05 D21
IN JEANMAIRE, C; PAULY, G
PA (COGN-N) COGNIS FRANCE SA
CYC 31
PI EP 1384469 A1 20040128 (200418)* GE 10
R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV
MC MK NL PT RO SE SI SK TR